









## The Redcliff Review

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Ed. L. Stone, Editor and Prop

THURSDAY, AUG. 9, 1923.

IMMEDIATE ACTION IS  
NOW NEEDED.

In this issue of the Review appears a copy of a circular letter sent out to the several local throughout the Medicine Hat federal riding by R. N. Mangas, a U. F. A. Director for that constituency. In this circular, Mr. Mangas makes a special request for the immediate and hearty co-operation of the U. F. A. officers and members in the preliminary work in connection with the forming of a wheat pool for this year's crop.

Since so much of the success of this venture depends on the farmers themselves it should not take very much urging to secure the assistance and co-operation asked for.

To arrange the machinery necessary to handle this year's crop and to be able to put it in operation within thirty days is no small task and the only way it can be successfully accomplished is by the assistance suggested by Mr. Mangas. There is no doubt that those entrusted with the work of laying out the plans upon which the system is to be worked out, are doing their part. Men of all branches of business activities are now engaged in this work. But they can only go so far. There is work, and lots of it, for the rank and file and for those most vitally interested in the ultimate success of the movement. And unless they do their share as outlined by Mr. Mangas' circular letter the pool cannot be the success it should be.

There is no doubt that all are intensely interested in any movement which has for its object the improvement of marketing conditions. No propaganda of education is necessary along that line. The proposed system or co-operative marketing through a wheat pool is the only proposition before us as a solution to the present unsatisfactory conditions. It is up to all the farmers to give the proposition their enthusiastic support and a fair trial.

At the moment the most urgent need appears to be the signing up of the contracts for the pool. With the splendid organization the farmers of this province have through their U. F. A. this work should be comparatively easy. All that is necessary is that the officers of the several local of the work that is expected of them, and do it as soon as possible. It is hoped all will get into the game and show they mean business.

FALLACY OF BUYING BY  
MAIL.

How would you like to journey to the nearest city for a pound of sugar, or a yard of muslin, or a spool of thread, or a smoke? And how would you like to make the trip when you need prescriptions filled in a hurry, with death running you a race?

You would make some noise if forced to such an extremity—and then more noise.

You would say—and justly so—that a town in which you cannot buy a pound of sugar, or a yard of muslin, or a spool of thread, or a smoke or even let a prescription filled, is a mighty poor excuse for town and not worth living in.

Yet our merchants can only afford to keep these things for your convenience as long as you pay other things from them.

It is not doing this town any good to buy the little things here and then chase off to a city or to a catalogue house when you want something on which the merchant has a chance to make a dollar.

Neither is it doing you any

good, for the prosperity of each citizen is dependent to a large extent upon the prosperity of the community as a whole.

We are not telling you something you do not know.

We are simply refreshing your memory in hopes the time may

come when our people will conclude that a town that is worth living in is worth trading in.

That's all.

One of the federal constituencies in Saskatchewan is demanding a dominion convention of Progressives. Judging from the way some Progressive members in the federal house voted on several important questions during the last session, its about

time there was some dominion wide policy adopted.

All Canada mourns with her cousin across the border in the great loss they have sustained in the death of president Harding. Mr. Harding's utterances during his recent visit to Canada have endeared him to the Canadian people, all of whom look upon his death as the loss of a great friend of Canada's.

## His Not the Only Mistake.

We made a mistake in last week's issue of the "Review". A good subscriber told us about it. The same day there was a letter in our office box that said: "I'm sorry to hear that but that isn't doing us any good. We called for 98 over the phone and got 198. We asked for a spool of No. 50 thread and when we got home we found it was 10 cents in our favor. We felt sick and the doctor said we were eating too much meat. We hadn't tasted meat for two months. The garage man said the jitney was missing because it needed a new tire. We cleaned a spark plug and it's run ever since. Yet we made a mistake in last week's issue of the paper."

"Children, uh," said the Negro, "is de usefulest animal dere is. You c'n get 'em for dey is 'n a' after dey's dead."

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Vice-President Grant Hall  
Says Big Crop is Assured

Speaks with enthusiasm of Western Conditions in light of twenty-five years' experience—Big Company adds miles of new Rolling Stock to take care of grain movement

Twenty-five years intimate and continuous acquaintance with Western Canada would give any man the right to speak authoritatively of conditions there, and when that man is Grant Hall, Vice-President of the Canadian Pacific Railway, his views will be accepted without question without question.

Grant Hall has just returned from a tour of inspection over the line. He has been all through the West and he returns to Montreal full of enthusiasm about Western conditions, and quite realizing the magnitude of the task that lies before the railroads in moving this crop.

It was agreed that last year's handling of the crop left no room for criticism. The tremendous task of moving out the grain was handled in splendid style by the railroads, and there is every indication the same thing will happen this year. Grant Hall, interviewed on his return to Montreal, said: "The Canadian Pacific is preparing to move the grain and we expect to keep up to all our previous good records in this line."

It was fortunate for Canada that the company months ago decided to largely add to its rolling stock. The Canadian Pacific is this year building 30 engines and 4,000 new freight cars as practically forty freight trains of fifty cars each, enough equipment to handle the entire western crop of a very few years ago. This new equipment will be on hand to do its share of the work this year.

Mr. Hall makes no prediction as to the actual yield, but of the general conditions says: "I have seen a long train of years in which I have watched the development of the grain crop of this country. I have never had a year in which I have seen so much of the crop as I have seen this year. Generally at this time of year there are many reports of damage by

W. GRANT HALL, vice-president of the Canadian Pacific Railway, drought or frost or hot winds, but so far we have had no such reports and we are laying our plans to move the largest crop in the history of the west. My trip has covered practically all the grain growing west, leaving Vancouver to St. James, then to Seattle and through southern British Columbia to Astoria, and returning to Astoria. We came back to the main line and followed it to Calgary from Moose Jaw. At Calgary we visited the stampede and I would say it was a pronounced success. Going north from Regina we visited the stampede and came in by the north line through Brandon.

"For uniformity and fine growth the crops are a great sight and I believe some unlooked-for calamity overtaken on we shall see a splendid harvest this year."

## EDITORS VISIT MARITIME PROVINCES



Important news item by Weekly Newspaper Association on the way to convention at Halifax: (1) The Maritime Hotel at Annapolis Royal; (2) The Maritime Hotel at Annapolis Royal; (3) The Maritime Hotel at Annapolis Royal; (4) The Maritime Hotel at Annapolis Royal; (5) The Maritime Hotel at Annapolis Royal; (6) The Maritime Hotel at Annapolis Royal; (7) The Maritime Hotel at Annapolis Royal; (8) The Maritime Hotel at Annapolis Royal; (9) The Maritime Hotel at Annapolis Royal; (10) The Maritime Hotel at Annapolis Royal; (11) The Maritime Hotel at Annapolis Royal; (12) The Maritime Hotel at Annapolis Royal; (13) The Maritime Hotel at Annapolis Royal; (14) The Maritime Hotel at Annapolis Royal; (15) The Maritime Hotel at Annapolis Royal; (16) The Maritime Hotel at Annapolis Royal; (17) The Maritime Hotel at Annapolis Royal; (18) The Maritime Hotel at Annapolis Royal; (19) The Maritime Hotel at Annapolis Royal; (20) The Maritime Hotel at Annapolis Royal; (21) The Maritime Hotel at Annapolis Royal; 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## Columbia University President Gives An Interesting Interview On Anglo-U. S. Relations

Shortly after his arrival in England to deliver the Watson Chair lectures at British universities, Dr. Nicholas Murray Butler, President of Columbia University, gave The Times the following interview.

In my judgment, it is far wiser and more helpful to take satisfactory and even intimate relations between the United States and Great Britain for granted than to be constantly debating them in public and active as if something particular had to be done to improve them. As a matter of fact, there is always in the United States an element sharply critical to England. This goes back to the eighteenth century and in particular to the sharp differences that grew up in the United States over the French Revolution and the respective politics and influences of England and France at that time. Every one of the differences which have been in the interval which have added some fuel to this flame but if one will take pains to read the volume in which the late Professor William A. Dunning gave the relations between England and America for the last century, he will see the Treaty of Commerce, he will see how slight a part, after all, these differences making the fiction and no antagonism have played.

Deep down in the American heart there is profound respect for the Constitution and the American policy. When something gross or disagreeable is said it is almost always either to the temperance of some individual or to some passing event which has been given an emphasis out of all relation to its real importance. The sentiment of the whole American people is that the United States has removed the one real basis of anti-English feeling in the United States. Today almost every intelligent American of first descent is an open and enthusiastic in his expression of satisfaction with the erection of the Irish Free State. It will not be surprising even to stir any anti-English feeling in America on the basis of the wrong of Ireland.

A just cause of complaint on the part of England was the unfortunate character of some of the school textbooks that used to be found in school text-books on American history. Some authors had thought it necessary to illustrate their prejudice by casting upon England slurs that were both untrue and historically untrue. Matters of this sort are steadily being corrected, and the history of the United States is year by year being presented to the rising generation in a more scientific, more road-minded and a fairer spirit than ever before. After making all due allowance for the exuberance of patriotism it is really not necessary for the school children of one country to be taught to dislike those of another simply because their respective Governments have had sharp differences in the past. Every American is familiar with the facts in Ireland and in the way in which England has faced her post-war social, economic and financial problems. He knows the tremendous suffering and loss of England in the war and we find it little short of amazing that she is able to bear the heavy burden of taxation necessary to meet her obligations and to begin the reduction of her colossal public debt. This seems to us a triumph, not of any sound statesmanship, but of sound public opinion.

### Faberies Treaty

British Government Denies Fisheries Part Domestic Issue Only

British Government officials consider the fisheries treaty signed between the United States and Canada as an affair between two governments and as not requiring ratification by the other British dominions. It was stated in authoritative quarters.

The signature of Ernest Lapointe, Canadian Minister of Marine and Fisheries, and of Secretary of State Hughes for the United States are regarded as giving the document the legal sufficiency, inasmuch as the interests of the other dominions are not involved by the agreement.

This entire question, it was said, was settled last March when Mr. Lapointe advised Secretary Hughes that the British Government recognized Canada's right to absolute freedom in the domestic field.

"What makes you not agree with me?"

"That's not surprising. It doesn't even agree with the weather man," Judge.

When a spendthrift begins to worry about his debts his liver is out of order.

W. N. U. 1489

### How Men and Animals Sleep

Certain Kinds of Fishes Are Said to Never Sleep at All

Man and every kind of animal seems to have adopted some particular method of sleep.

The ordinary man sleeps either on his right or his left side, sometimes with his knees drawn up. When, however, he has endured extreme fatigue or prolonged pain a man may sleep in all sorts of postures. Men have been observed to sleep when standing or walking, driving a horse, or even when bound to the stake.

Some animals, too, are able to sleep while standing. A dog, especially when old, may occasionally do so, a horse often does, while an eagle never lets sleep to come upon him. Long-legged birds, such as storks and gulls, have been observed to sleep balanced on one leg. A deer, however, sleep with their heads turned round over their backs. Often their heads are hidden among the branches of a tree, wing and head together. But there are some curious exceptions to this rule. The owl sleeps with its wings spread, and while some Indian parrots and bats sleep only when suspended from the ceiling.

It is the most unconventional of all. This bird sleeps actually out on the open water, and during its long summer fast with one foot in circles to avoid drifting to the shore.

Such a bulky animal as the stork sleeps upon down, hanging by its four feet and with its head tucked between the forelegs.

The posture adopted by the domestic cat is typical of many animals. Pussies and weasels sleep curled up with their noses and the sides of their feet all close together and often covered with their tails.

Many animals sleep with their eyes open, others with them closed. Nearly all fish belong to the latter class, as do also horses and snakes. Salmon and goldfish are said never to sleep at all.

### Canada's Milling Industry

Canada Has Largest Flour Mill In The British Empire

According to a special bulletin on the flour and grain milling industry of Canada prepared by the Dominion Bureau of Statistics, the total number of mills operating in Canada today is 1,382, with a total daily capacity of 138,250 barrels of flour. Of this more than 100,000 barrels per day are accounted for by 143 large merchant mills. Canada has the largest flour mill in the British Empire with a daily capacity of 14,000 barrels, and the largest Canadian milling company controls a daily capacity of 2,500 barrels. There are over 1,000 mills of medium and small capacity, including the country grist. Of these there were nearly 1,000 in Canada last year, and the value of their products was over \$27,000,000.

### Thickness Of Bubbles

A 2,500,000 part of an inch is Newton's estimate of the thickness of a soap bubble at its thinnest point. As a soap bubble floats in the light of the sun it reflects to the eye an endless variety of gorgeous tints. Newton showed that each of these tints corresponds to a certain thickness of the substance forming the bubble; in fact, he showed that all transparent substances, when reduced to a certain degree of thinness, would reflect these colors. Soap bubbles and thin films of bubble, just before it bursts, can be seen a spot which reflects no color and appears black. That is the thinnest point.

### Big Lumber Out

A substantial increase in production to about \$200,000,000 was announced in the lumber mills in the Ottawa Valley last year, when for the first time since 1915 the lumber production of the mills in the district exceeded 300,000,000 feet.

The production of the principal lumber centers in Canada. Large quantities of pulp and paper are also made in the mills on the banks of the Ottawa River.

That man knows his etiquette book, alright.

"What makes you say that?"

"Didn't you notice at dinner when he took his tea from his pocket and lifted the sugar with just one hand?"

### Earth Thrives On Light

It is said that if the earth's atmosphere should be suddenly increased in thickness to 700 miles, the sun could not penetrate it and the earth would soon be wrapped in ice.

### Important Experiments

Solar Camera to Photograph the Sun's Eclipse

In the hope of determining whether there is motion within the corona during an eclipse of the sun, a party of American scientists, under the direction of Dr. John A. Miller, of Swarthmore College, is preparing to conduct a series of important experiments from the top of a high mountain in Central Mexico next September.

A year or more has been required to complete the arrangements, and it is actual working time of the scientists will be only 100 seconds, the duration of the eclipse. If the day should be cloudy, all the labor and expense of preparation will have gone for naught.

The largest photographic instruments ever made for solar observation will be used. A camera, in order that two pictures may be taken at the time for checking purposes. The aperture of each is 6.5 inches and the focal length is 15 feet. The impressions will be made on glass plates, each plate being 12 1/2 inches, specially prepared for this work by experts. It is probable that not more than two photographs can be taken during the brief period when the face of the sun will be observed. A dozen or more plates will be taken along, however, in order that every emergency may be met.

### The Poor Of New York

Tenement Dwellers Near Hopeless

I never knew of New York in the direction of the 125th Street station that I do not suffer a bit of depression. From this window one may see the hopelessness of city life. Harlem streets filled with spidery-legged, anxious children fully eager for a bit of the great outdoors. I saw a group of them chasing an ice wagon just for a silver of cracked ice to pinch their throats. Tenement buildings are packed to suffocation and windows are filled with tired men and women who stand three-inch boots and looking Araways are dapping with wet wash. Fire escapes are cluttered up with hanging, but says on the fireproof sill it is a tiny port of some sort. That symbolizes the hope for freedom.

New York Correspondent.

### Predict Lower Cost For Insulin

Says Drug Can Be Obtained From Vegetable

One of the components of insulin, a recently-developed drug, which is used to cure diabetes, may be obtained from green grass and other vegetable matter, Dr. J. H. Colpitt, of the University of Alberta, Canada, one of the discoverers of the drug, told the convention of the American Medical Association at San Francisco.

Other speakers expressed the opinion that this enlargement of the insulin field would mean its increased production, and at a lower cost to the practitioner and patient, for its use in diabetes is widespread and believed to be.

There's nothing like the knife of candor for severing the bonds of friendship.

### "JUMP, DAD, JUMP, WE'RE ALL READY"

France is considering electrification of all its railways.

Eleven of the Illustration Station windows are filled with corn and have excellent results from them. These also varied in size between seven and eight feet deep, ten and fourteen feet wide and twenty and thirty feet long. The length varied with the quantity of crops available for storage purposes. These were opened out with a team and scraper as a cost of from twenty-five to thirty dollars per acre, depending on the size. On fifteen Dominion Illustration Stations in Alberta and Saskatchewan corn was produced for an average of 24 tons per acre and stations sunflowers were grown for 14.50 per ton, average. Bought from the Dominion Illustration Station that the yields of wheat on corn land have exceeded those on sunflower by an average of 2.50 per acre for six years. It would, therefore, seem that the growing of corn and sunflowers as a substitute

### WESTERN EDITORS

MacKenzie King Gets Honorary Degree From American University

The bestowal of the honorary degree of LL.D. upon the Right Hon. MacKenzie King by Harvard University is a signal tribute to the Prime Minister and an honor to Canada as well. Harvard, the oldest and, in many respects, the foremost of American universities, does not confer its degrees with any hesitancy. It chooses their value, and in recognition the attainments and position of the holder of the Canadian Government, it has done so for solid and sufficient reasons. However, Canadians may be disposed to question, his direction of public affairs, they ask questions and the brilliancy of his scholarly career. His university training was exceptionally broad and extensive, and he holds degrees from the Universities of Toronto, Chicago and Harvard, apart from that which is a student of an imposing list. Harvard, in honoring the Prime Minister of Canada, extends at the same time an expression of recognition to the work of one of its own colleagues, some, one who has played no inconsiderable part in national and international affairs, who holds the leadership of a great political party and has risen to the highest office in the gift of his people. The honor conferred by Harvard in these circumstances, in empty one and is no less a deserved tribute than an expression of personal and international courtesy. The Montreal Gazette.

### Export Surplus Butter

The Saskatchewan Cooperative Creameries, Limited, has just completed arrangements whereby all of its exportable butter output during the summer months will be shipped to Great Britain. This will involve shipping between two and three million pounds of butter.

### Production From Irrigated Lands

According to statistics recently compiled it is estimated that \$26 per acre will be the revenue from the irrigated lands in the River Irrigation project in the present year.

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## Corn And Sunflowers Grown To Advantage As A Substitute For Bare Fallow

When considered from the standpoint of relative productive, cost and suitability for winter feed, the growing of corn and sunflowers can be undertaken to advantage over a much wider area than is the case at the present time. Such crops work well, especially in systems of farming where provision must be made for cleaning the land. In the western provinces it has been found necessary to summerfallow. This practice aids in the destruction of weeds and tends to conserve soil moisture. As a substitute for part of the bare fallow such intertilled crops as these have distinct possibilities in many districts.

### Experiments show that wheat requires nearly twice as much water to produce a pound of dry matter as corn.

It is a well known fact that in districts of low rainfall as a substitute for summerfallow, sunflowers and corn can be grown to advantage. Each of these crops possesses characteristics which make them well suited to either in a district. It has been found that sunflowers will withstand more frost than corn; thus they can be sown earlier and harvested later in the year the crop has not matured sufficiently to make a good quality of seed. Both crops have extensive root systems, they feed deeply and require a liberal supply of moisture to develop fully. Corn requires less water than sunflowers, while sunflowers, while the moisture supply is a decidedly important factor in the growth of these crops, the yield of corn and sunflowers are not in proportion to the rainfall. It is, therefore, to be borne in mind that climatic conditions and cultural practices exert a controlling influence on crop yields.

When growing corn and sunflowers on the illustration stations in Alberta and Saskatchewan, which are the most part are in the southern part of the provinces, the land is fall-plowed or spring-plowed and packed prior to sowing. When the weather is favorable it is at the rate of ten tons per acre in order to cover as much of the land as possible. As corn requires a water moist seed bed, sunflowers can be planted earlier as they do not suffer so severely from slight frost. The stations last spring corn planting was general from May 25 to 31. Sunflowers may be planted two weeks earlier. When the weather is favorable, the drill is used, throwing the necessary dirt to render the rows the desired distance apart. While rows of corn thirty to forty inches is found a satisfactory distance between the rows, this distance, these rows are regular, somewhat by the cultivator one has on hand. By removing some of the corn plants by hand, the rows are reduced properly it is often possible to do the work without additional oil for machinery. The illustration stations in Alberta and Saskatchewan last year the varieties planted on the stations. Immunity is often secured in keeping weeds well cut from the rows. If the land is harrowed crosswise with the drag harrows once before the crop comes up, and frequently afterwards, great many weeds will be destroyed. This harrowing may be done until the crop is six inches high. After this it will be necessary to cultivate between the rows at such intervals as will keep down the weeds. If weeds are allowed to grow, the value of growing such crops, as a substitute for summerfallow, will not be realized. The corn makes a shallow, lateral root growth, at first, care must be taken not to cultivate too deeply close to the plants, as these tenders will be cut off and growth delayed. Corn should be put into the soil before the first frost and sunflowers when the seeds are in the milk stage.

Eleven of the Illustration Station windows are filled with corn and have excellent results from them. These also varied in size between seven and eight feet deep, ten and fourteen feet wide and twenty and thirty feet long. The length varied with the quantity of crops available for storage purposes. These were opened out with a team and scraper as a cost of from twenty-five to thirty dollars per acre, depending on the size. On fifteen Dominion Illustration Stations in Alberta and Saskatchewan corn was produced for an average of 24 tons per acre and stations sunflowers were grown for 14.50 per ton, average. Bought from the Dominion Illustration Station that the yields of wheat on corn land have exceeded those on sunflower by an average of 2.50 per acre for six years. It would, therefore, seem that the growing of corn and sunflowers as a substitute

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For part of the bare fallow has distinct advantages and might be undertaken with profit by many grain farmers who keep a certain number of livestock.

### Canning Vegetables

To Carefully Wash Away All The Dirt Is Essential

The truth is that every woman could wash away half her canning troubles. Of course, it is difficult to get a vegetable entirely clean of all organisms and even so it might spoil from other causes. However, it is a fact that a thoroughly clean vegetable stands a much better chance of seeing the winter through behind the glass of a tidy jar than a carelessly washed one does. The dirt that clings to vegetables is a source of all micro-organisms, and those that live in the soil are often the most resistant kind; they are used to hard times, and at the first sign of adversity they go into a line like a turtle, which in their case is called a "spore form." In this state they may leave the vegetable and wait for you to find them when they find themselves comfortably ensconced in a jar of food. As soon as the vegetables are washed, your food is safe. Here is a good rule for washing vegetables: Wash your string beans before you begin to prepare them and wash them again; otherwise you carry the dirt from the outside of the bean into the cut portion. When the washing is done, it is not until you begin to cut them.

Greens—spinach especially—are the hardest of all foods to rid of soil. Success lies in washing these in warm water, and then in cold water, and then in warm as the hand and wash in many waters—so many that to track of soil particles is impossible. If you wash in this case means scrub, rubbing the greens between the hands as they are rubbed, using a brush for the first attack on the roots and stems and a knife for trimming away the root-stalks and dead or dying leaves. When the washing is finished, plunge the greens into cold water to crisp again—Delicat.

### Best For Dairy Cattle

Cowmen Have Contain Minerals Easily Acquired by Cattle

That chob, alfalfa, and soy bean hay are probably the best source of minerals available to dairy milk production was proved by recent tests at the Ohio Agricultural Experiment Station.

These lucerne hay contains more of the essential minerals than other feeds, and the cows in the experiments were able to assimilate these minerals better than those fed as supplements in the form of bone-meal, etc.

These experiments also indicate that the way in which hay is cured has an influence on the availability of the minerals, and that it contains and may be cured without heavy dew or rain or without long exposure to the sun is most influential.

### Some Comparisons

Senator O'Connell, of New York, says that it takes 12 dozen eggs to pay a New York plasterer's wage for eight hours' work, that 17 bushels of corn are required for a bricklayer's day. The miner gets the equivalent of 25 chickens, the plumber gets the equivalent of 43 pounds of butter, or the output of 14 cows. After eight months of feeding a hog will pay a carpenter one day's wage. These comparisons show that the most wrong in the constitution of industry and agriculture.—Toronto Mail and Empire.

### Civic Motor Camp

With a greatly increased motor tourist trade in British Columbia, improvements are being made to the civic motor camp, electric lights being installed, drainage being improved and other additions being effected for the comfort of visitors. The increasing popularity of the tourist to motor travellers has resulted in a programme of \$70,000 expenditure on local roads.

### Alfalfa In Alberta

Cutting has begun on what is believed to be the largest alfalfa crop ever harvested in Southern Alberta on the irrigated land of the Canadian Pacific Railway east of Lethbridge. It is expected to yield an average of two tons to the acre, or ten per cent. over last year, and there is an aggregate of eleven hundred acres.

### A Way Out

Good—Wash the stock in the gutter and this kills it.

Walter—You must stop the knife on the stock.—Michigan Targum.

